



6-1484

Y-12 Photos By Vince Moore

Y-12ERS TALK OVER DETAILS OF ORGANIZING THE Y-12 EMPLOYEES CREDIT UNION at a meeting last week with J. T. Rutland, federal credit union examiner. Clockwise around the table are Winfred Ray, W. D. Lavers, Y-12 Area Superintendent; Clarence Johnson, W. K. Palmer, A. M. Schrader, Examiner Rutland, Don Phillips, E. C. Cunningham, of Atomic Energy Commission Credit Union; and E. C. Cain, Assistant Y-12 Area Superintendent.

Low Absentee Mark In Y-12 Again Is Equalled; Two Major League Departments Have 'All Present'

UT Graduate Classes Registration Is Set

Registration for summer quarter classes of the Oak Ridge Resident Graduate Program conducted by the Graduate School of the University of Tennessee has been set for 9 a.m. to 12 noon, Saturday, June 17. The registration will be held at the Graduate School Office, Room 7, Institute Building, in the rear of the Atomic Energy Commission administration building. Faculty advisers will be present to advise and approve course selections.

Classes Begin June 19

Classes will begin Monday, June 19 and classes will close and examinations held August 26 with grade reports due on August 28.

Summer quarter registration forms have been mailed to all students registered for the spring quarter classes and those planning to enroll in the summer classes are urged to fill in the forms as soon as possible after they are received, obtaining the signature of the appropriate faculty adviser.

A total of 13 courses in mathematics, chemistry and physics will be offered in the summer quarter. Complete information on details of the courses may be obtained from the Graduate Office in the Institute Building, Oak Ridge, telephone 5-5606; or the Graduate Office, University Administration Building, Room 203, telephone 3-9379, Knoxville.

Instrument Society To Hear Talk By Former President

An address by A. F. Speery, past president of the Instrument Society of America, will feature the final meeting of the season of the Oak Ridge chapter of the society tonight, Wednesday, June 7. The meeting will be held at the Oak Terrace and will be preceded by a dinner.

"Problems and Trends in Centralized Control" will be the subject of Speery's talk. He is president of Pannellitt, Inc., manufacturers of automatic controls, alarm systems and prefabricated panels. He has had a long career as an engineer and during the war was consulting engineer for the Navy, being assigned to work with design and construction of power plants.

The plant-wide low absentee record of 1.6 per cent, established for the week ending last December 11 and equalled for the week ending May 7, again was reached by Y-12 employees for the period ending May 28. At that, the mark is only .1 per cent below the 1.7 per cent absenteeism reported for the week ending May 21. In establishing

the 1.6 per cent absentee figures, another record also was established when two departments in the Major League of departments with more than 50 employees scheduled reported perfect attendance records for the week ending May 28. In the past such records have been posted occasionally by one Major League department but this is the first time two of them have done so in the same week. Depts. 2015, 2300 Perfect

The two perfect attendance departments in the Major League were Field Maintenance and Chemical Research. Field Maintenance was in first place for the week ending May 21 when it had an absentee mark of only .19 per cent. Chemical Research was in fourth place during that week.

Maintenance Shops was second in the Major League with an absentee mark of .2 per cent for the week ending May 28. It was in fifth place the preceding week. Third place was held by the Chemical Department for the second week in a row as it reported .3 per cent of its employees absent. Seven More "All Present"

For the third successive week (Continued on Page 2)

AEC Commissioner Murray Y-12 Guest Last Thursday

Atomic Energy Commissioner Thomas Murray was a guest at luncheon and made an inspection tour of Y-12 last Thursday. It was his first visit to this Carbide installation.

In addition to Commissioner Murray, other guests at the luncheon in the Y-12 cafeteria were R. W. Cook, manager of Oak Ridge Operations for the AEC; W. D. Lavers, Y-12 Area Superintendent; Dr. C. E. Larson, Oak Ridge National Laboratory Director and former Y-12 Superintendent; Dr. A. M. Weinberg, ORNL Research Director; Dr. E. D. Shipley, Y-12 Director of Research and Development; Dr. E. J. Murphy, member of the staff of the ORNL Research Director; E. C. Cain, Assistant Y-12 Superintendent; J. M. Herndon, Y-12 Process Division Superintendent; George Mitchell, Y-12 Maintenance Division Superintendent; H. C. McBirney, executive assistant; and W. R. Chambers, Y-12 Consultant.

Y-12ers And Children Take Part In Valuable Bicycle Safety Training At Linden School With Aim Of Eliminating Accidents

There were 110 happier and wiser youngsters at Linden School last Thursday morning after they had received certificates signifying completion of a three-week course in bicycle safety. The youngsters were wiser in that they had passed tests establishing confidence and ability in handling their bicycles that will reduce the hazards to themselves and to motorists in traffic and happy that they had learned a lot of things that very probably will result in any one or all of them avoiding accidents that might occur if they had not undergone the training.

Y-12ers, Youngsters Participate

A number of Y-12ers and their children participated in the three-week training course. Among the Y-12 parents who aided in the instruction were Stanley F. Fairbourne, Isotope Research and Production Department; Norman Derryberry, Field Maintenance; and A. K. Bowles, Standby Plant Main-

tenance. Fairbourne is president of the Parent-Teacher Association of the school, sponsors of the safety project.

Miss Ruth Jewell, teacher at the school and safety patrol sponsor, did much of the work in organizing the youngsters for the training as did Mrs. Lucille Blackwood, in charge of the P-T A bicycle training program.

Adults Pleased With Program

All of the adults connected with the training program of bicycle safety for the children expressed great satisfaction over the interest taken by the youngsters. The young pupils themselves were put through a number of tests, the purpose of which was thoroughly explained in advance.

As one of the Y-12 instructors put it:

"We expect this program to be of great benefit to all of the youngsters. Of course, the aim of the training is to teach proper riding

Y-12 Employees' Credit Union Applies For Charter; Operation Explained By Federal Examiner

A big stride forward toward operation of a credit union for and by employees of Y-12 was taken last Wednesday, May 31, when an application for a federal charter for the organization was filed. This step was taken after a meeting between a representative plant committee and J. T. Rutland, federal credit union examiner from the Atlanta office of the Federal Credit Union Agency, in which the examiner explained operational procedure for credit unions and federal and state laws governing the organizations. E. C. Cunningham, a member of the Atomic Energy Commission credit union, also attended the session as an observer and told of operations of that group.

Rutland told the committee that the charter probably would be approved and returned within about two weeks, after which the Y-12 group could organize, elect officers and begin operations.

Many Interested In Plan

The plant committee, a cross-section of plant personnel, is composed of Don Phillips, of the Technical Service Laboratory; Allen M. Schrader, Field Maintenance; W. K. Palmer, Manufacturing Offices; Clarence E. Johnson, Safety Department; and Winfred Ray, Product Chemical. The group was formed after more than 100 Y-12ers from all parts of the plant expressed interest in formation of a credit union to serve the needs of employees needing loans at small interest that could be repaid in installments.

As the charter application was signed by committee members and other Y-12ers interested in the movement the name of Y-12 Employees' Credit Union was adopted. Shares Sell For \$5 Each

The Y-12 Employees' Credit Union will be an organization formed not only to make loans to members in need of ready cash but to promote thrift through offering of shares for sale to every employee in the plant. The membership entrance fee will be as low as 25¢ and shares will be \$5 each, payable in installments as little as 25¢ weekly. Members may buy as many shares as desired and may withdraw the money at any time, the same as in a savings bank. Credit unions pay dividends based on accumulated savings with the rate established by the general membership or board of directors.

Loans by the Y-12 Employees' Credit Union will be made at a rate of one per cent per month on (Continued on Page 2)

Camera Club Arranges Interesting Program

A film strip and demonstration on the use of contrast printing paper and an exhibition of photographs will feature the monthly meeting of the Carbide Camera Club to be held at 7:30 o'clock next Tuesday night, June 13, in the club headquarters located in the Y-12 East Portal building, it has been announced by Nat Stetson, of Y-12, president of the club.

The scheduled color slide contest for club members will not be held in June, it was stated, but the next contest set for July 11 will be held. The slides for the contest will be on spring flowers.

The printing paper demonstration will be given by Frank Steahly, of the Oak Ridge National Laboratory, who will show the various uses of Varigram paper.

The travel exhibitions of pictures will be by the U.S. Graflex Co., Rochester, N. Y., and the Master Series of Eastman Kodak Co., also of Rochester. The Graflex display will be pictures of babies while the Master Series covers varied subjects.

Miss Louise Gilbert, illustrator and artist of the McGraw Hill Publishing Co., will criticize and discuss the five best prints in each exhibit.

ORINS Opens 15th Isotopes Classes

The 15th group of scientists to enroll in the courses in techniques of using radioactive isotopes in research began studies Monday at the Oak Ridge Institute of Nuclear Studies. The courses were opened two years ago and since that time almost 500 scientists from 42 states, Hawaii, Puerto Rico and nine foreign countries have attended them.

CHURCHES WANT CONTROL

The Manchester Guardian, of Manchester, England, reports that the general assembly of Unitarian and Free Christian Churches in London have adopted a resolution calling for immediate control of atomic and similar weapons.

SAFETY SCOREBOARD

Your Plant Has
Operated
348 DAYS
Without A Lost Time
Accident
THROUGH JUNE 4

procedure and upkeep of a bicycle with the view of eliminating accidents caused by careless riding or faulty wheels.

Program Well Worth While

"If just one bruised or skinned place on the body of one of these children as a result of a fall or other accident is avoided as a result of the training or even one less gray hair acquired by motorists who might in the past have had to dodge a careless bicycle rider—we will consider the program well worth while."

The bicycle safety course at Linden School was but one of several given in Oak Ridge schools during the past few weeks. Cooperation and support of all the training was given by the Oak Ridge Police Department.

Promise To Obey Rules

On completion of the safety course each youngster who passed received a certificate and gave a (Continued on Page 4)

The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS DIVISION
Union Carbide And Carbon
Corporation
Post Office Box P
Oak Ridge Tenn.
GEORGE W. DOBBS Editor

OFFICE
North Portal, Bldg. 9701-1
Telephone 7-8252

Y-12 Credit Union
Applies For Charter

(Continued from Page 1)

unpaid balances. Keeping the interest rate low is one of the main functions of a credit union so that it can be of real service to anyone needing ready cash.

Members To Elect Officers

When the Y-12 Employees' Credit Union charter is received the membership will elect a board of directors of seven members, from which a president, vice president, secretary, treasurer and clerk will be chosen. Committees to serve the organization will include the credit committee and supervisory committee which is the internal auditing committee.

The credit committee will be composed of three members and two alternates. It must act on all applications for loans and a majority of the three members and two alternates must be present for legal action. A unanimous vote of those present is required for approval of a loan application.

Operation Controlled By Law

In describing the various phases of operation of credit unions, Rutland pointed out that both federal and state governments have laws governing the organizations. These laws thoroughly protect share holders and borrowers in the same manner as regular bank operations are controlled.

In addition to the more than 100 Y-12ers already expressing interest in the Y-12 Employees' Credit Union who will be kept posted as to when the charter is expected to arrive authorizing beginning of operations, news of progress made by the organization will be published in The Bulletin as it develops.

Phillips was designated by the plant committee at the meeting last week to order and receive all needed office supplies, which are expected to reach here well in advance of the time when the credit union will open for business.



Three Y-12 employees became fathers of babies born at the Oak Ridge Hospital last week. They were James A. McLain, boy, May 25; James W. Redmond, girl, May 25; and Frederick C. Boody, girl, May 29.



Three of the more frenzied feminine fans in Y-12 made a flying trip—by airplane, yet—to Cincinnati over the long week-end holiday to see the Original Cardinals from St. Looney and the Cincinnati Reds do diamond battle. The St. Louises won three games, much to the delight of Betty Whitehorn, Mozelle Kennedy and Betty Jo Butler, all North Portal neighbors. Not quite so daring—or as much in a hurry—was James C. Booher, of the Guard Department, and Betty's brother, Roy Whitehorn, who joined the ladies in the Queen City.

Myron Ziemke, son of Paul Ziemke, of the Safety Department, was among the 800 some odd graduates at the University of Tennessee a few days back. Myron was one of the top five in his class, majoring in mechanical engineering in which he obtained his degree. . . . Cliff Henderson, Y-12 chief safety engineer, and Mrs. Henderson are back after a visit with his folks deep in the heart of Texas. . . . Lee Bagwell is on a two-week vacation jaunt, spending the first half of his rest period preparing to spend the rest of it down in Alabama.

Analytical Laboratory folks did a lot of getting around while vacationing. . . . K. O. Johnson, his wife and son, Richard, visited relatives in Miami, then crossed the Tamiami Trail over to Ft. Myers, thence to the Ringling Brothers museum at Sarasota, on to the Fountain of Youth at St. Augustine—then to home. . . . C. C. Haws, wife and son, went in the other direction—starting out with a fishing trip at Fontana and then jogging up to Cincinnati for the Memorial Day holidays. In the Ohio City they, of course, took in the marvelous zoo (for Carter's sake, says Papa Haws) and also had their first glimpse of television, seeing the Arthur Godfrey show and a double-header between the St. Louis Cardinals and the Cincinnati Reds. . . . Don Phillips had a busy time over the long week end visiting his month - old granddaughter, Ellen Worley, at Fayetteville, N. C., and also doing some deep sea fishing off Wrightsville Beach where—he attests—he caught some nice king mackerel (good eatin' fish, folks). . . . Fontana also drew Tom Mackey for half of his holiday, the other half being spent on a visit to his family near Chattanooga. . . . John Ramsey, his wife, Ruth, and son, Jackie, headed South over the holidays on a sight-seeing tour that included Rock City at Lookout Mountain near Chattanooga, Stone Mountain near Atlanta, Ga., and the famous cyclorama in Grant Park, Atlanta.

They're telling this one on Evan Means, the Old Pro of Piscatorial Fame around Y-12 who toils down in Electrical Maintenance. It seems Evan wasn't having much luck one day in luring luggers when up romps a bumptious small fry of male gender, who yelled: "Hey mister, catcha fish real quick mister, gwan mister,

lemme see you catch a fish real quick."

Mother came up about that time when Evan was seriously considering using the offender for bait and said: "Don't do it yet mister—make him say please."

Electrical Maintenance sends best wishes for a quick recovery to William Hinkleman, who was seriously injured when his automobile turned over on Bear Creek Road last Friday morning while he was en route to work from his home in Kingston. . . . C. A. Gregory also is extended get well wishes. . . . Sue Holiday holidayed down at Daytona Beach. . . . W. C. Munsey vacationed a lot nearer home, resting for a week at his farm near Lenoir City. . . . J. L. Crawford didn't even go that far—he stayed right in Oak Ridge. . . . R. L. Francis is vacationing for two weeks near Kingston. . . . The Carolinas beckoned U. L. Alsbaugh and S. B. Ward, the former going to North Carolina points while Ward visited Asheville, N. C., and Spartanburg, S. C.

Wags down in Electrical Maintenance wonder if J. B. Johnson is hunting an honest man like Diogenes over around Concord on the dark nights as he carries his new lantern—or he is just doing some nocturnal fishing. . . . Henry Everman declares he has found the man from whom Red Akers caught that 12-pound fish recently. (Better read that last sentence again).

Jessie Guinn, of Planning and Estimating, vacationed for a week with home folks near Johnson City, Tenn. . . . H. D. Duncan kept busy during a one-week vacation working on his new home on the Oak Ridge-Knoxville Road. . . . C. R. Kasperek is vacationing for a week in Florida. . . . Frank Gallagher and Carl Roddy had a lot of fun camping out at Cherokee Lake during the holidays but (honest guys) didn't come bragging about the fish they didn't catch, although they did bag a few.

Cafeteria and Canteen reports that Verna Peckman is spending a two-week vacation with relatives in Athens, Ga., and Center, Ala.

Susie Robinson, of the Janitors Department, is vacationing in Athens, Ga.

Mae Hale, of Electromagnetic Research Laboratory, and her husband, are back and bragging about the fine Daytona Beach suntan they acquired. . . . F. O. Gaddis comes forth and disposes that he caught 130 fish during his one-week vacation.

Inez Tropp, of Property, and Russell Hopper, Maintenance Shops, spent a recent Sunday at Weaver's Dock on Douglas Lake on a fishing expedition. Inez, the lucky gal, had the catch of the day when she landed an eight-pound blue channel catfish.

"Wendy" Sanders, of the Plant Records Office, had as a recent guest her grandmother, Mrs. B. F. Ryan, of Charleston, S. C.

Sally Wilder, of Product Chemical, and Thelma Cole, of the Analytical Laboratory, spent a swell week end in Nashville over the holidays. They were guests at Thelma's home and among the sights seen



Y-12 Photos By Vince Moore
SHOWN ABOVE JUST after their wedding on Saturday, May 27, at the Chapel-On The Hill are Mrs. and Mr. John D. Redman. Before her marriage Mrs. Redman was Miss Jean McGimsey Kincaid, of the Physics Department of Oak Ridge National Laboratory. Redman is with the Y-12 Chemical Research Department.

was the state capitol. . . . Bessie Phillips and family are enjoying their recently purchased farm near Lenoir City.

Stores Department folks scattered out over the long week-end holiday. . . . Emma Puckett went to Shelbyville, Ky., to visit her relatives. . . . B. N. Strunk also went to Kentucky. . . . B. B. Thornton visited Kingsport. . . . E. H. Hutson spent the time in Columbus, Ga. . . . Jackie Tankersley reunited with her folks in Chattanooga. . . . Margaret Johnson went to Mooresburg, Tenn. . . . Eva Russell visited relatives in Whitesburg, Tenn.

Bill Coggins, of Property Sales, is doing a lot of traveling during his two-week vacation. He is motoring through the eastern states to Canada and stopping off for a visit with a sister in Massachusetts for a few days.

J. R. Robinette, of the Tool Department, was in Birmingham for the holidays.

Hazel Tompkins, of Manufacturing Offices, had her daughter and son-in-law, Mr. and Mrs. S. J. Swope, and little grand-daughter, Sue, of St. Joseph, Mo., as recent guests.

R. F. Hibbs, Katie Sells and Virginia Hill, of the Assay Laboratory, are on the vacation list. . . . Sympathy is extended O.W. Briscoe on the death of his uncle in Covington, Ga. . . . W. P. Gore and family visited relatives in North Carolina during the holidays. . . . Bill Schultz and his wife went up to Blacksburg, Va., for the holidays to visit relatives.

Isotope Research and Production Department is congratulating Fred Boody, now proud papa of a baby girl born at the Oak Ridge Hospi-

Low Absentee Mark
In Y-12 Is Equalled

(Continued from Page 1)

seven departments in the Minor League reported all employees present. Five of these were repeaters from the previous week and they were joined by the second and third place departments in the standings for the week ending May 21.

The repeaters were Laundry, Cafeteria and Canteen, Receiving and Shipping, Planning and Estimating and Steam Plant. The two newcomers to the top bracket were Property and Uranium Control and Computing.

Second place in the Minor League standings for the week ending May 28 went to Maintenance Utilities with an absentee mark of .7 per cent. The Technical Service Laboratory was in third place with 2.2 per cent of its employees absent. These departments were in sixth and eighth positions respectively the preceding week.

The Y-12 absentee record for the week ending May 28, by departments, follows:

MAJOR LEAGUE
More Than 50 Employees Scheduled

Dept.	Absent Percentage	Standing
2015	0.0	1
2300	0.0	1
2003	0.2	2
2619	0.3	3
2283	0.7	4
2142	0.8	5
2616	0.86	6
2014	0.91	7
2091	1.56	8
2077	1.60	8
2360	3.09	10
2320	3.09	10
2282	4.6	11

Group absentee percentage was 1.3 per cent, .2 per cent lower than the preceding week.

MINOR LEAGUE
15-49 Employees Scheduled

Dept.	Absent Percentage	Standing
2096	0.0	1
2107	0.0	1
2143	0.0	1
2002	0.0	1
2743	0.0	1
2140	0.0	1
2759	0.0	1
2005	0.7	2
2270	2.2	3
2133	2.6	4
2109	2.7	5
2200	3.5	6
2008	4.0	7
2060	4.8	8
2001	7.0	9

Group absentee percentage was 2.3 per cent, .1 per cent higher than the preceding week.

The plant average for the week ending May 28 was 1.6 per cent, .1 per cent lower than the preceding week.

tal May 29. She weighed seven pounds and 13 ounces and has been named Elizabeth Anne. . . . L. E. Burkhart has been welcomed back after a visit to Ft. Myers, Fla.

C. A. Johnson, of Plant Engineering, had as recent guests his father, from Welland, Ontario, Dominion of Canada; and a brother from Philadelphia. It was the first trip South for the elder Johnson, who was very impressed with the country.

PENNSYLVANIA DEFENSE SET

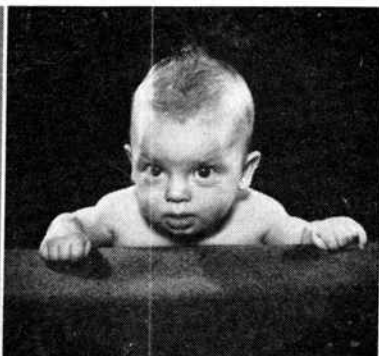
According to the Philadelphia Inquirer, the new civilian defense system of the state of Pennsylvania is through the planning stage and ready for actual mobilization of thousands of volunteers. The newspaper says that coordinators in each of the state's 67 counties soon will be named to lead citizens in providing instant action in case of enemy attack on the country.



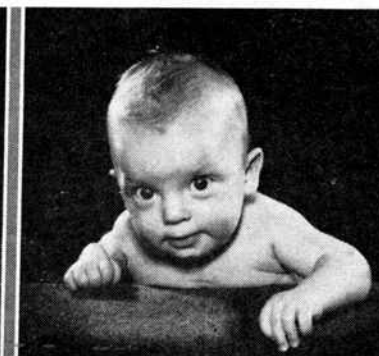
WHAT?? NO SEPARATION??



OH NO-O-O-O-O !!!



WHAT ABOUT SOMETHING EXOTIC ?



DO YOU THINK SO ?



OH BOY - LET'S TRY THAT

FOUR-MONTH OLD JOHN ROBERT CLEWITT, son of Glen Clewitt, of Y-12, doesn't concede a thing to the model for a baby feature in a Knoxville newspaper. Little Johnny gives all the reactions of a scientist in answering a puzzling question. The strip of pictures on display in Bldg. 9733-1 have brought a lot of chuckles to passers-by as have captions by Keith Brown, another Y-12er. The photographer was John Ramsey, a member of the Carbide Camera Club.

Y-12 Keglers Blank ORNL In Pin League

The Y-12 bowling team in the Oak Ridge summer league continued to cut a wide swath through all opposition last week by scoring its second successive whitewash triumph. The latest victims were the Oak Ridge National Laboratory keglers who followed Roane-Anderson on the timber trail. Y-12 now has a loop record of 15 wins and one loss.

The victorious Y-12ers scored games of 766, 747, 858—2,371 to 716, 713, 167—2,196 for Oak Ridge National Laboratory.

George Riddle led the Y-12ers in scoring, putting together games of 160, 165 and a sizzling 225 for a series tally of 550. Frank Gragg was next with 172, 169, 191—532. Following were Thurman 174, 164, 168—506; Kendig 136, 135, 143—414; and Park 124, 114, 131—369.

Bldg. 9212 Tops Plant Softies With No Losses

Time just about didn't march at all during the past several days in the Plant Softball League as only two decisions were posted on the scorebook.

The Bldg. 9212 sluggers kept their record unblemished by whipping the Isotopes by 7 to 2 last Thursday night in the only game of the week. The Rippers could not muster a quorum of players and were forced to forfeit to the Bums in the other game scheduled for that night.

Last night the Bums and Isotopes were scheduled to meet at Oakwood Park No. 1 as were the Rippers and All Stars.

The schedule through next Tuesday night follows:

June 8—6:30 p.m., Bldg. 9212 vs Bums. 8 p.m., Isotopes vs All Stars.

June 13—6:30 p.m., Rippers vs Bldg. 9212. 8 p.m., Bums vs All Stars.

League standing through last week follows:

Team	W	L	Team	W	L
Bldg. 9212	3	0	Rippers	1	1
All Stars	2	1	Isotopes	0	3
Bums	2	2			

Western Newspapers Praise Truman's Stand On Strength

The stand of President Harry S. Truman in increasing the strength of the nation and standing by the principles of the Baruch plan for international atomic control has been praised by two western newspapers, the Los Angeles Times and the Grand Junction Sentinel.

The Times editorially contended that the only assurance against hydrogen bomb war is the assurance against an atomic bomb war—that is, international inspection and control. Talk of disarmament treaties without enforceable agreements was seen as "just wind." The Sentinel editorially believed that the nation must increase its strength until Russia's aggressive program comes to a halt and the Soviets show some signs of wanting to cooperate on world peace.

Three Tilts Set For Y-12 Netters

Not being equipped with webbed feet, the Y-12 men's tennis team was forced to sit out a pair of scheduled matches last week against NEPA Division of Fairchild Airplane and Engine Corporation and the Atomic Energy Commission netters. However, these matches probably will be played some time this week in addition to a scheduled engagement at 5:30 o'clock Wednesday afternoon against K-25. All these matches are to be played on the Jefferson courts.

He who has a thousand friends has not a friend to spare, and he who has one enemy will meet him everywhere.

Cards, Stores Clash Thursday And Sunday; Birds Take Thriller

The Y-12 Cardinals, one of the fightingest and most entertaining ball clubs in the Oak Ridge City League, will be quite busy during the next few days. They have a pair of battles scheduled with Community Stores and one with Oliver Springs within the next week.

The first battle against the Stores outfit is set for 8 o'clock Thursday night, June 8, at the Gamble Valley ball grounds. This is a make-up game from earlier in the season. After resting up from this scrap the Cards and Storemen are scheduled to again do diamond battle at the same hour Sunday night. Then on next Tuesday, June 13, the Cardinals will take to the road for a long jaunt over to Lake City for a game with Oliver Springs, the Springers using the Lake City park as home grounds for the present. Game time is 8 o'clock.

The brand of play exhibited by the Cards so far this season warrants full support by every Y-12 baseball fan. The charges of Co-Managers Bill Burns and Wes Savage are hustling all the way, playing heads-up baseball and their spirit on the field is such that they appreciate every fan's yelp in their favor.

An example of the fighting spirit of the team was clearly exhibited last Thursday night when the Cards came from behind to trim the Nats from ORNL by 2 to 1 in a 10-inning scrap. Lefty Carter, for Y-12, and Llewellyn, for ORNL, hooked up in one of the best pitchers' battles anyone could wish for. Carter allowed six hits to three for the ORNL hurler and the strikeouts were nine and eight, respectively.

Y-12 Ties Game In Eighth

The Labsters got away to a one-run lead in the first inning and that tally loomed bigger and bigger as the game went on. Finally in the eighth Y-12 scored the tying run on some sloppy fielding by the Nats. Addison got on when the catcher dropped the third strike, swiped second and moved to third base on a fielders' choice. Addison scored on a short wild pitch when the catcher lost the ball temporarily and Llewellyn muffed the throw back to the plate.

Dick Dodson slapped out a single to lead off in the last of the 10th frame. Addison bunted over the pitcher's head to put two on. Dodson was forced at third by Johnson and Addison also was forced at the hot corner by Robertson as Y-12 hopes sagged. However Carter drove in the winning run when he poled a high fly to center field which was dropped by the gardener, allowing Johnson to score the winning run with two out.

Score by innings:

	T	R	H	E
ORNL	100	000	000	0 1 6 5
Y-12	000	000	010	1 2 3 3

Batteries: Y-12, Carter and Robertson
ORNL, Llewellyn and Little.

'Paolo And Francesca' Story On Carbide Program Sunday

The second presentation of the radio program "My Favorite Story" under sponsorship of Carbide, will be staged over Oak Ridge Station WATO from 7 p.m. to 7:30 p.m. next Sunday night, June 11.

The story to be given will be the romantic novel "Paolo and Francesca." It was selected by Dana Andrews, motion picture actor, and the lead role will be taken by Barry Kroeger, radio and screen actor. Kroeger has appeared in such productions as "Iron Curtain" and "Cry Of The City."

Ronald Coleman will be commentator for all of the "My Favorite Story" broadcasts, which will be presented every Sunday night during June, July and August.

When you see an unsafe condition, report it.

SPORTS NEWS



6-1476 Y-12 Photos By Vince Moore
HERE IS THE HARD-HITTING BLDG. 9212 TEAM IN THE Plant Softball League. In front are players George McPherson, J. H. Shoemaker, Bill Wright, O. M. Moses and James Barker. In back are Ralph Ford, J. M. Patterson, Paul Braden, R. S. Phillipi, coach and manager; and George Marler. The small fry are sons of players and mascots of the team.

Golf League Meeting Is Called For Thursday; Hooks Hold Lead

An important meeting of all captains or team representatives and any plant golfer who wishes to attend has been called by Recreation Supervisor Arnold Tiller for noon Thursday in the Y-12 cafeteria. At that time plans for a play-off for the Y-12 Golf League championship, a plant-wide tournament and future play for all Y-12ers will be talked.

Y-12ers Reelected Squadron Leaders; Angele Is Honored

William C. Tunnell and G. J. Angele, both of Y-12, were reelected commander and vice commander of the Oak Ridge Power Squadron at the annual banquet meeting of the organization on Friday night, May 26, at the Park Hotel, Clinton. Other officers elected included R. Lowery, treasurer; and Phillip Collette, secretary; both being from K-25.

Elected to the executive committee were Walcott Watson, W.R. Rathkamp and Ed Richardson, all of Y-12; and Robert Wertz, of K-25.

During the meeting members of a class on advanced piloting conducted by Angele presented the instructor with a handsome desk ornament consisting of a painted metal model of a sailing sloop mounted on mahogany. It expressed the appreciation of the class on the teaching given by Angele.

J. H. Cupp, H. N. Benninghoff and Dr. E. D. Shipley, all of Y-12, were presented certificates of membership in the squadron at the Clinton meeting.

Former Y-12er Is Appointed AEC Chief Process Engineer

J. C. Robinson, former Y-12 chief of production, operations officer and plant executive officer, has been appointed chief process engineer of the Atomic Energy Commission reactor development division, it has been announced by R. W. Cook, manager of the Oak Ridge operations for the AEC. Robinson will move to Washington this month to take over his new post.

Robinson has been chief of the production division of the office of production and engineering for the AEC. He came to Oak Ridge in March, 1946, after 20 years of engineering experience and began his association with Y-12. He later joined the AEC.

He is a native of Pittsburgh and a graduate of the Carnegie Institute of Technology with a degree in chemical engineering.

Liars begin fooling others and end by deceiving themselves.

Man is the only animal with brains enough to find cures for the disastrous effects of his own follies.

Y-12 Softies Meet R-A At Midtown Thursday; K-25 Wins Close One

Dick Dews' Dandies, Y-12's representatives in the Oak Ridge City League of softball teams, will go up against the powerful Roane-Andersonites at 8:30 o'clock Thursday night, June 8, on the Middletown field in the second part of a double header. The opener will see Oak Ridge National Laboratory and Oak Ridge Motors in action at 7 o'clock. After this program the next Y-12 game is scheduled for 7 o'clock next Monday night against Oak Ridge Motors.

Schedule Is Revised

The league schedule has been revised to provide earlier opening times for games so that fans and players alike will not have to stay up late as has been necessary in the past, particularly when extra-training games have been staged.

The Y-12ers were scheduled to have met the Vagabonds at Middletown Monday night.

In their last previous appearance the Y-12 outfit was nosed out by K-25 by the score of 3-2 in a late rally after Dews' lads had led up until the sixth inning. Ed Sise had complete control of the situation up to that time and it looked as if Y-12 was going to avenge a 9 to 0 whitewash slapped on by the K-25ers in the season's opener. However, some bunched hits brought in three tallies and that was the ball game.

Sise Whiffs Eight

Sise went to route and whiffed eight and walked none. Key started for K-25 but was relieved by "Po" Smith after giving up the two Y-12 tallies. Between them they allowed but four hits while the victors got six. Hale, Krause, Sise and Pletz connected safely for Y-12.

Here is the schedule of the league through June 16:

June 9—7 p.m., ORNL vs Vagabonds. 8:30 p.m., Oak Ridge Motors vs K-25.

June 12—7 p.m., Oak Ridge Motors vs Y-12. 8:30 p.m., Roane-Anderson vs Vagabonds.

June 13—7 p.m., K-25 Plant League game. 8:30 p.m., K-25 vs ORNL.

June 15—7 p.m., Roane-Anderson vs K-25. 8:30 p.m., Oak Ridge Motors vs ORNL.

June 16—7 p.m., Y-12 vs ORNL. 8:30 p.m., Vagabonds vs K-25.

The line score of the Y-12 and K-25 clash May 26 follows:

Team	W	L	R	H	E
Y-12	0	1	0	0	0
K-25	0	0	0	3	6

Batteries: Y-12, Sise and Hale. K-25, Key, Smith and Burton.

Women Netters Of Y-12 Tie Lab Lassies In Court Tilts

The Y-12 women's tennis team, defending Oak Ridge champions from 1949, managed to come out with a tie against the Oak Ridge National Laboratory feminine netters last Thursday afternoon on the townsite courts. It was the initial appearance for the Y-12ers, who have been thwarted by rain in several previous scheduled matches.

The Y-12 racqueteers did all right in singles, taking three out of four matches. However, the Lab lassies grabbed off one singles match, won one doubles contest on the courts and another doubles engagement by forfeit as Y-12 could not muster enough players to complete the program.

The Y-12 singles triumphs were gained by Mozelle Rankin over Kazlauskis, 6-2, 6-0; Mary Free-stone over Bayard 6-2, 3-6, 6-4; and Elizabeth Patrick over Zelders 6-1, 6-1. City Champion Helen Lane, of ORNL, defeated Helen Burkhalter 6-2, 6-1. The ORNL doubles victory was scored by Silverman and Gaither over Virginia Spivey and Jean Rogers by 6-1, 6-0.

Bill: "Very few women have any knowledge of parliamentary law."

Joe: "You don't know my wife. She's been a speaker of the house for 25 years."

Carbide Recreation Heads Attend Knoxville Parley

Arnold Tiller, Y-12 Recreation Supervisor, Al Burris and Harold Mate, holding similar posts at K-25 and the Oak Ridge National Laboratory, attended a two-day conference of industrial recreation supervisors held last Thursday and Friday at the University of Tennessee in Knoxville. The Southeastern Industrial Recreation Conference was sponsored by the university physical education department and division of university extension.

The industrial recreation conference drew an attendance of several hundred from Tennessee, Georgia, Virginia and North Carolina. The program included discussions of problems and factors to consider in setting up recreational programs for industrial workers of the South.

Even though you are on the right track, you will get run over if you just sit there.

**CARBIDE AND CARBON
CHEMICALS DIVISION**
Union Carbide And Carbon Corporation
P. O. Box P.
Oak Ridge, Tenn.
(RETURN POSTAGE GUARANTEED)

Sec. 34.66, P.L.&R.
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 3



IN THE PICTURE ABOVE DR. W. J. O'LEARY, OF THE NEPA Division of Fairchild Engine and Airplane Co., and Miss Barbara Doughty, of K-25, look over some synthetic gems produced by the chemical industry.

Production Of Synthetic Gems Topic On ACS Radio Program

The development of synthetic gems, one of the most recent fascinating accomplishments in the field of chemistry, will be described on the Headlines in Chemistry radio program scheduled for 9:15 o'clock Sunday night over Oak Ridge Radio Station WATO. Dr. W. J. O'Leary, of the NEPA Division of the Fairchild Airplane and Engine Co., will be the principal speaker. The programs are sponsored weekly by the East Tennessee Section of the American Chemical Society.

Production Recent Accomplishment

Although interest in the production of synthetic gems is as old as the alchemist's dream of making gold from base metals, the actual production is strictly a modern day accomplishment. Synthetic gems now can be produced in a variety of colors and can be cut and polished to resemble the real jewels found in nature. Star sapphires and rubies have been produced that are very difficult to distinguish from the real article.

In the manufacture of synthetic gems the ingredients are fed into an oxyacetylene flame under controlled conditions. After the product is removed from the flame and cooled it resembles a rough, discolored stone. The gem in this form is called a "boule" and is shaped like an icicle or a carrot. Cutting and polishing of the "boule" is necessary to reveal the gem's true beauty.

Titania Made By Linde Firm

(One of the newest of synthetic gems is the Titania, produced by the Linde Air Products Co., a unit of Union Carbide and Carbon Corporation. Titania is obtained from titanium dioxide and a product of scientific research at Linde. This gem is not thought of as an imitation of a precious stone but is known as a man-made gem that will rival a diamond in beauty. Titania not only is popular in use for jewelry but also has value in the optical and electrical industries.)



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Billy Jo McNeely, Product Chemical; William Hinkleman, Electrical Maintenance; and Mary F. Williams, Janitors.

Machine Bans Baby Mixups In Hospitals

Now mother can be sure no mistake will be made in those big hospital wards regarding the identification of her new baby. A new machine has been developed by a World War II veteran, J. Eugene Popma, Portland, Ore., which may make obsolete the footprinting of newborn babies as a means of identification.

Popma's invention is designed to photograph together mother's and baby's fingerprints. It then records them on a film. The machine, it is claimed, will take a picture that will show from three to twelve characteristics of identification. Seven characteristics or points of identification are believed to be positive proof of identification, reports the National Patent Council.

The use of ink footprints has never been fostered by many hospitals and boards of health. Wristlets or anklets placed on the infant in the delivery room have proved a fairly accurate temporary means of identification. However, once mother and baby leave the hospital, all means of identification of the baby at some later date are lost. By the use of Popma's photographic method, not only is an accurate present means of identification established, but also a record is available for the future.

A-Power Electricity Is Seen By 1970

Atomic power plants by 1970 may be a reality in the United States, Bruce R. Prentice, nuclear expert for General Electric, is reported as saying in a recent interview in the Denver Post. Prentice is quoted as declaring that if the United States "hurries and has good luck" such plants generating electricity in commercial quantities can be erected and technical problems surmounted.



STANLEY FAIRBOURNE, RIGHT, OF Y-12 AND PRESIDENT OF THE LINDEN SCHOOL Parent-Teacher Association, gives instructions during the training course in bicycle safety given recently at the school and sponsored by the P-T A. The rider is Linda Cooley, who is simulating approach to a stop sign and then making a left turn. In the background is Bobby Garner, operating a model traffic signal light. The two patrolmen of the Oak Ridge police department assisting in the instruction are C. D. Beaty, left, and L. C. Wilson, right. Wilson had a daughter in the school bicycle safety class.



JUSTLY PROUD OF THEIR CERTIFICATES STATING THAT THEY HAD SUCCESSFULLY completed the course in bicycle safety at Linden School is this group of youngsters, most of them children of Y-12ers, as they wave their credentials awarded last Thursday. Front row, from left, Jerry Derryberry, R. L. Honeycutt, Marjorie Fairbourne, Curtis Honeycutt, Lana Jo Bridges, Gary Bridges, Glen Teasley, Joseph Di Carlo, and Jean Marrow. In the rear are Jean Sise, Jerry Brooks, Jim Gary, Cliff Bailey, Charles Jones, David Caldwell, Teddy Caldwell, Shirley Forbes and Butch Fairbourne. Standing at right are Mrs. Lucille Blackwood, member of the school Parent-Teacher Association bicycle program committee; and Miss Ruth Jewell, teacher at the school who was in charge of the training.

Y-12ers And Children Learn Bicycle Safety

(Continued from Page 1)

pledge to obey 12 cardinal rules for bicycle safety. They are:

1. Observe all traffic regulations—red and green lights, one-way streets, stop signs.
2. Keep to the right and ride in a straight line. Always ride in single file.
3. Have white light in front and danger signal on rear for night riding.
4. Have satisfactory signaling device to warn of approach.
5. Give pedestrians the right of way. Avoid sidewalks—otherwise use extra care.
6. Look out for automobiles pulling out into traffic. Keep sharp look-out for sudden opening of automobile doors.
7. Never hitch on other vehicles, "stunt" or race in traffic.
8. Never carry other riders—carry no packages that obstruct vision or prevent proper control of the bicycle.
9. Be sure brakes are operating efficiently and keep the bicycle in perfect running condition.
10. Slow down at all street intersections and look to right and left before crossing.
11. Always use proper hand signal for turning and stopping.
12. Don't weave in or out of traffic or swerve from side to side.

Physics Seminar Session Set For June 9 Is Cancelled

No meeting of the Oak Ridge Physics Seminar will be held Friday, June 9, because of the sessions of the Symposium on Nuclear Reaction and Light Elements. The symposium is scheduled to be held Thursday and Friday, June 8 and 9, in the East Lounge of the Ridge Recreation Hall.



6-1420

Y-12 Photos By Vince Moore

SAFETY FOR ALL CHILDREN IS PARAMOUNT IN THE minds of all parents—so a number of Y-12ers were among parents at Linden School who are shown above launching a bicycle safety program for their youngsters. The two children under the symbolic shield of protection are Jean Marrow, daughter of Fred M. Marrow; and Jerry Derryberry, son of Norman Derryberry, both Y-12 employees in Field Maintenance. Norman Derryberry is at the extreme left and others around the circle are Joseph Wyrick, Charles R. McKelvy, John W. Bullock, Norman Teasley, Frank Marlin, H. F. Matthews, Mrs. Jack W. Sneed, Mrs. W. H. Hedden and Mrs. L. C. Blackwood, chairman of the Linden School Parent-Teacher Association in charge of the bicycle safety program.

Foremen were being impressed by a speaker on the necessity of proper timing when applying discipline. Here's an example, he said:

A country doctor was called out of bed to attend a case. After he had dug a bullet out of the patient, a young man, he asked professionally, "Who shot you?"

"My father-in-law," was the answer.

Turning to the elder man, the doctor said reprovingly, "Don't you know it is wrong to shoot a son-in-law?"

"Sure, doc," said the man readily, "but when I shot him he wasn't my son-in-law!"

Obey speed limits. Slow down at night and for hazardous road, traffic and weather conditions.